CCS Technical Documentation
RH-25 Series Transceivers

General Information

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Contents

Page No

Nokia Model 6560 (RH-25) 3
Hardware Characteristics 3
Model 6560 Handset 4
Sales Package 4
Module List 4
Supported Accessories 5
Technical Specifications 5
General Specifications of Transceiver RH-25 5

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Nokia Model 6560 (RH-25)

RH-25 is a hand-portable dual band TDMA 850/1900 with AMPS. It has been designed using DCT4 generation baseband (UEM/UPP), and RF (TACO) module, collectively referred to as Stella processing engine.

The baseband module has been developed as part of the DCT4 common baseband. RH-25 contains some baseband features that are new to the America's TDMA market. These features include stereo FM receiver (offered as an accessory) and a MIDI (polyphonic ringing tones). RH-25 supports both two- and three-wire DCT3 chargers. The primary battery is the BLD-3 with a nominal capacity of 780 mAh.

Hardware Characteristics

- Hi-resolution (128x128) illuminated color display
- Active LCD pixel area: width 27.6mm X height 27.6mm
- Jack 4-style UI with four way navigation key; two soft key
- Support for internal semi-fixed battery (Janette type BLD-3)
- RTC backup battery support
- Audio amplifier and MALT speaker for MIDI support
- Ringing volume 100dB @ 5cm (MIDI tones through MALT speaker)
- Stereo FM receiver as an accessory
- IrDa port/interface
- Internal vibra
- Supports voice dial activation via headset button
- Six white TBSF LEDs for keyboard and two for LCD backlight
- 6-layer PWB, SMD with components on both sides of PWB

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Model 6560 Handset

Sales Package

Name:	Type Code	Material Code
Transceiver	RH-25	Customer-specific
Battery (780 mAh Li-Ion)	BLD-3	0670352
Rapid Performance Charger (US plug)	ACP-12U	0675303

Module List

RH-25 (Nokia 6560)	
A-cover assy	9491436
Keymat	9791041
Screws	6290171
Display	4850291
C-cover Module	9491370
Antenna Assy	0660298
Battery	0670352
B-cover	9653696

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Supported Accessories

Type	Name	Code
BLD-3	Standard 780 mAh Li-ion Battery	0670352
ACP-7U	AC Travel Charger (US) 108-132 Vac	0675143
ACP-8U	AC Charger	0675196
ACP-12U	Rapid Performance Charger (US)	0675303
DDC-1	Spare Battery Charger	0675243
CA-8	Advanced Car Kit	0080932
BHF-1	Headrest handsfree	0273278
LPS-4	Loopset	0630443
LCH-12	Cigarette Lighter Charger	0675328
HDB-4	Boom Headset	0694094
HS-5	Earbud Headset	0694121
HDS-3	FM Stereo Headset	0694093
HS-3	Fashion Stereo Headset	0694156
HS-10	Retractable Headset	0694126

Technical Specifications

General Specifications of Transceiver RH-25

Parameter	Specifications	
Cellular system	TDMA 800 and AMPS	TDMA 1900
RX frequency band	869.01-893.97MHz	1930.05 - 1989.99MHz
TX frequency band	824.01-848.97MHz	1850.01 - 1909.95MHz
Number of RF channels	832	1999
Channel spacing	30KHz	30KHz
Power levels	-5 - +28dBm / 0.3mW - 630mW	-5 - +28dBm / 0.3mW - 630mW

Parameter	Mode	Value and unit
Talk time	Analog	2 hrs
Talk time	Digital	5 hrs

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Parameter	Mode	Value and unit
Standby time	Analog	60 hrs
Standby time	Digital	371 hrs
Dimensions		W=105.8mm L=44mm
Weight with BLD-3 battery		88.36g

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